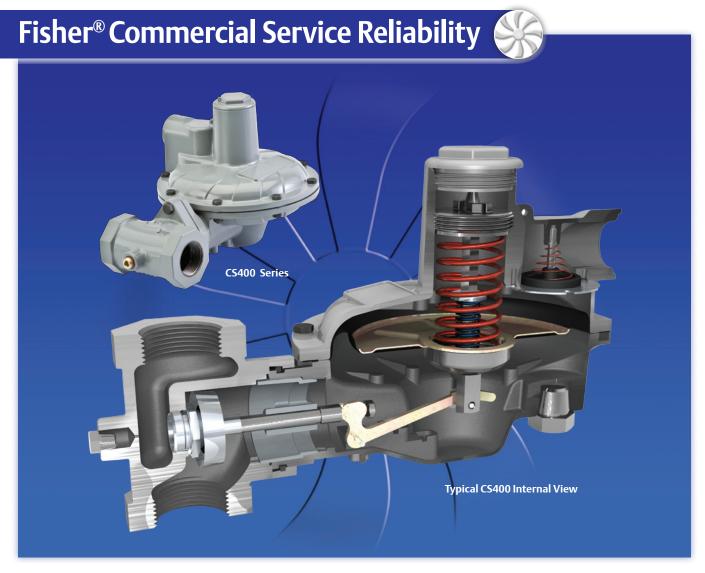
# **CS400 Series**



## The Fisher® CS400 Series

The CS400 Series direct-operated, spring-loaded regulators have been engineered to fit a multitude of pressure-reducing applications including commercial and light industrial installations. This flexibility is provided by the numerous body sizes and end connections, outlet pressure settings, orifice sizes, and the option for internal or external pressure registration. The CS400 Series also offers multiple overpressure protection options, which include Internal relief, Integral True-Monitor™ Protection and Slam-shut Protection.

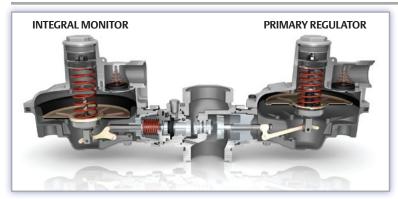
# **Product advantages:**

- New Technologies in overpressure protection
- Internal or external pressure registration
- Wide variety of body sizes and end connections
- Highly configurable
- Lower cost of ownership/reduced time and expense for
  - Training
  - Installation
  - Maintenance





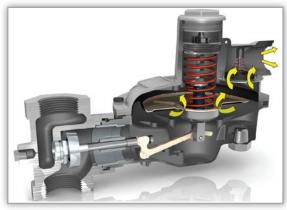
# **Overpressure Protection Options**



### Integral True-Monitor™ Protection

Combines the operation of a conventional two-regulator wide-open monitor set into one device without the need for a downstream control line.





#### **Internal Relief**

Discharges gas across the diaphragm assembly to minimize overpressure.

#### Slam-Shut

Shuts off gas service to the downstream system in the event of an overpressure or underpressure condition.

**Temperature Capabilities:** -20° to 150°F / -29° to 66°C

### CS400 Series Features

**Operation:** Direct-Operated, Spring-Loaded **Body Size:** NPS 1-1/4, 1-1/2, 2 NPT, ISO 7/1 Rp; NPS 2 / DN 50 CL125 FF / CL150 FF, PN 10/16

**Maximum Operating Inlet Pressure:** 

Up to 125 psig / 8,6 bar **Outlet Pressure Range:** 

3.5-inches w.c. to 5.5 psiq / 9 to 380 mbar

Maximum Outlet (Casing) Pressure: 25 psig / 1,72 bar

#### **Natural Gas Technologies**

#### Emerson Process Management Regulator Technologies, Inc.

North America McKinney, Texas 75069-1872 USA Tel: 1-800-558-5853 Outside U.S. 1-972-548-3574 Asia-Pacific Singapore, Singapore 128461 Tel: +65 6777 8211 Europe Bologna, Italy 40013 Tel: +39 051 4190611 Gallardon, France Tel: +33 (0) 2 37 33 47 00

**Pressure Registration:** Internal or External **Body Material:** Gray Cast Iron, Ductile Cast Iron, and Steel **Overpressure Protection:** Internal Relief

Internal Relief
Integral True-Monitor™ Protection
Slam-Shut Protection

**Spring Case Vent Connection:** 1 NPT

The distinctive swirl pattern cast into every actuator casing uniquely identifies the regulator as part of the Fisher® brand Commercial Service Regulator family and assures you of the highest-quality engineering, performance, and support traditionally associated with Fisher, Francel, and Tartarini regulators.

**Our Global Natural Gas Product Brands:** 

For further information, visit www.emersonprocess.com/regulators







